OIPE

```
RAW SEQUENCE LISTING                    DATE: 01/10/2001
PATENT APPLICATION:  US/09/747,524      TIME: 11:30:20

Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw
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        2 <110> APPLICANT: Tang, Y. Tom
        3          Walker, Michael G.
        5 <120> TITLE OF INVENTION: GROWTH-RELATED INFLAMMATORY AND IMMUNE RESPONSE PROTEIN
        7 <130> FILE REFERENCE: PC-0022 CIP
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C-->   10 <141> CURRENT FILING DATE: 2000-12-19
       12 <160> NUMBER OF SEQ ID NOS: 14
       13 <170> SOFTWARE: PERL Program
       15 <210> SEQ ID NO: 1
       16 <211> LENGTH: 464
       17 <212> TYPE: PRT
       18 <213> ORGANISM: Homo sapiens
       20 <220> FEATURE:
       21 <221> NAME/KEY: misc_feature
       22 <223> OTHER INFORMATION: Incyte ID No: 040371.3
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       27                 20                  25                  30
       28 Leu Thr Lys Asn Asp Leu Tyr Pro Asn Pro Lys Pro Glu Val Leu
       29                 35                  40                  45
       30 His Met Ile Tyr Met Arg Ala Leu Gln Ile Val Tyr Gly Ile Arg
       31                 50                  55                  60
       32 Leu Glu His Phe Tyr Met Met Pro Val Asn Ser Glu Val Met Tyr
       33                 65                  70                  75
       34 Pro His Leu Met Glu Gly Phe Leu Pro Phe Ser Asn Leu Val Thr
       35                 80                  85                  90
       36 His Leu Asp Ser Phe Leu Pro Ile Cys Arg Val Asn Asp Phe Glu
       37                 95                 100                 105
       38 Thr Ala Asp Ile Leu Cys Pro Lys Ala Lys Arg Thr Ser Arg Phe
       39                110                 115                 120
       40 Leu Ser Gly Ile Ile Asn Phe Ile His Phe Arg Glu Ala Cys Arg
       41                125                 130                 135
       42 Glu Thr Tyr Met Glu Phe Leu Trp Gln Tyr Lys Ser Ser Ala Asp
       43                140                 145                 150
       44 Lys Met Gln Gln Leu Asn Ala Ala His Gln Glu Ala Leu Met Lys
       45                155                 160                 165
       46 Leu Glu Arg Leu Asp Ser Val Pro Val Glu Gln Glu Glu Phe
       47                170                 175                 180
       48 Lys Gln Leu Ser Asp Gly Ile Gln Glu Leu Gln Gln Ser Leu Asn
       49                185                 190                 195
       50 Gln Asp Phe His Gln Lys Thr Ile Val Leu Glu Glu Gly Asn Ser
       51                200                 205                 210
       52 Gln Lys Lys Ser Asn Ile Ser Glu Lys Thr Lys Arg Leu Asn Glu
       53                215                 220                 225
       54 Leu Lys Leu Ser Val Val Ser Leu Lys Glu Ile Gln Glu Ser Leu
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55                 230                    235                    240
56 Lys Thr Lys Ile Val Asp Ser Pro Glu Lys Leu Lys Asn Tyr Lys
57                 245                    250                    255
58 Glu Lys Met Lys Asp Thr Val Gln Lys Leu Lys Asn Ala Arg Gln
59                 260                    265                    270
60 Glu Val Val Glu Lys Tyr Glu Ile Tyr Gly Asp Ser Val Asp Cys
61                 275                    280                    285
62 Leu Pro Ser Cys Gln Leu Glu Val Gln Leu Tyr Gln Lys Lys Ile
63                 290                    295                    300
64 Gln Asp Leu Ser Asp Asn Arg Glu Lys Leu Ala Ser Ile Leu Lys
65                 305                    310                    315
66 Glu Ser Leu Asn Leu Glu Asp Glu Ile Glu Ser Asp Glu Ser Glu
67                 320                    325                    330
68 Leu Lys Lys Leu Lys Thr Glu Glu Asn Ser Phe Lys Arg Leu Met
69                 335                    340                    345
70 Ile Val Lys Lys Glu Lys Leu Ala Thr Ala Gln Phe Lys Ile Asn
71                 350                    355                    360
72 Lys Lys His Glu Asp Val Lys Gln Tyr Lys Arg Thr Val Ile Glu
73                 365                    370                    375
74 Asp Cys Asn Lys Val Gln Glu Lys Arg Gly Ala Val Tyr Glu Arg
75                 380                    385                    390
76 Val Thr Thr Ile Asn Gln Glu Ile Gln Lys Ile Lys Leu Gly Ile
77                 395                    400                    405
78 Gln Gln Leu Lys Asp Ala Ala Glu Arg Glu Lys Leu Lys Ser Gln
79                 410                    415                    420
80 Glu Ile Phe Leu Asn Leu Lys Thr Ala Leu Glu Lys Tyr His Asp
81                 425                    430                    435
82 Gly Ile Glu Lys Ala Ala Glu Asp Ser Tyr Ala Lys Ile Asp Glu
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84 Lys Thr Ala Glu Leu Lys Arg Lys Met Phe Lys Met Ser Thr
85                 455                    460
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93 <221> NAME/KEY: misc_feature
94 <223> OTHER INFORMATION: Incyte ID No: 040371.3
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98 ttgactttgc ttgtagctgc tccccgaact cgccgtcttc ctgtcggcgg ccggcactgt 120
99 aggtgagcgc gagaggacgg aggaaggaag cctgcagaca gacgccttct ccatcccaag 180
100 gcgcgggcag gtgccgggac gctgggcctg gcggtgtttt cgtcgtgctc agcggtggga 240
101 ggaggcggaa gaaaccagag cctgggagat taacaggaaa cttccaagat ggaaactttg 300
102 tctttcccca gatataatgt agctgagatt gtgattcata ttcgcaataa gatcttaaca 360
103 ggagctgatg gtaaaaacct caccaagaat gatctttatc caaatccaaa gcctgaagtc 420
104 ttgcacatga tctacatgag agccttacaa atagtatatg gaattcgact ggaacatttt 480
105 tacatgatgc cagtgaactc tgaagtcatg tatccacatt taatggaagg cttcttacca 540
106 ttcagcaatt tagttacttca tctggactca ttttttgccta tctgccgggt gaatgactt 600
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Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw

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107 gagactgctg atattctatg tccaaaagca aaacggacaa gtcggttttt aagtggcatt 660
108 atcaacttta ttcacttcag agaagcatgc cgtgaaacgt atatggaatt tctttggcaa 720
109 tataaatcct ctgcggacaa aatgcaacag ttaaacgccg cacaccagga ggcattaatg 780
110 aaactggaga gacttgattc tgttccagtt gaagagcaag aagagttcaa gcagctttca 840
111 gatggaattc aggagctaca acaatcacta aatcaggatt ttcatcaaaa aacgatagtg 900
112 ctgcaagagg gaaattccca aaagaagtca aatatttcag agaaaaccaa gcgtttgaat 960
113 gaactaaaat tgtcggtggt ttctttgaaa gaaatacaag agagtttgaa aacaaaaatt 1020
114 gtggattctc cagagaagtt aaagaattat aaagaaaaaa tgaaagatac ggtccagaag 1080
115 cttaaaaatg ccagacaaga agtggtggag aaatatgaaa tctatggaga ctcagttgac 1140
116 tgcctgcctt catgtcagtt ggaagtgcag ttatatcaaa agaaaataca ggacctttca 1200
117 gataataggg aaaaattagc cagtatctta aaggagagcc tgaacttgga ggaccaaatt 1260
118 gagagtgatg agtcagaact qaagaaattg aagactgaag aaaattcgtt caaaagactg 1320
119 atgattgtga agaaggaaaa acttgccaca gcacaattca aaataaataa gaagcatgaa 1380
120 gatgttaagc aatacaaacg cacagtaatt gaggattgca ataaagttca agaaaaaaga 1440
121 ggtgctgtct atgaacgagt aaccacaatt aatcaagaaa tccaaaaaat taaacttgga 1500
122 attcaacaac taaaagatgc tgctgaaagg gagaaactga agtcccagga aatatttcta 1560
123 aacttgaaaa ctgctttgga gaaataccac gacggtattg aaaaggcagc agaggactcc 1620
124 tatgctaaga tagatgagaa gacagctgaa ctgaagagga agatgttcaa aatgtcaacc 1680
125 tgattaacaa aattacatgt cttttttgtaa atggcttgcc atcttttaat tttctatta 1740
126 qaaagaaaag ttgaaqcgaa tgqaagtatc agaagtacca aataatgttg gcttcatcag 1800
127 tttttataca ctctcataag tagttaataa gatgaattta atgtaggctt ttattaattt 1860
128 ataattaaaa taacttgtgc agctattcat gtctctactc tgcccttgt tgtaaatagt 1920
129 ttgagtaaaa cauaactagt tacctttgaa atatatatat tttttctgt tacaaaaaa 1979
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134 <213> ORGANISM: Homo sapiens
136 <220> FEATURE:
137 <221> NAME/KEY: misc_feature
138 <223> OTHER INFORMATION: Incyte ID No: 6257588H1
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142 ttgactttgc ttgtagctgc tccccgaact cgccgtcttc ctgtcggcgg ccggcactgt 120
143 aggtgagcgc gagatgacgg aggaaggaag cctgcagaca gacgccttct ccatcccaag 180
144 gcgcgggcag gtgccgggac gctgggcctg gcggtgtttt cgtcgtgctc         230
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147 <211> LENGTH: 535
148 <212> TYPE: DNA
149 <213> ORGANISM: Homo sapiens
151 <220> FEATURE:
152 <221> NAME/KEY: misc_feature
153 <223> OTHER INFORMATION: Incyte ID No: 2914466F6
155 <220> FEATURE:
156 <221> NAME/KEY: unsure
157 <222> LOCATION: 117, 469
158 <223> OTHER INFORMATION: a, t, c, g, or other
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W--> 162 gctccccgaa ctcgccgtct tcctgtcggc ggccggcact gtaggtgagc gcgagangac 120
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       163 ggaggaagga agcctgcaga cagacgcctt ctccatccca aggcqcgggc aggtgccggg 180
       164 acgctgggcc tggcggtgtt ttcgtcgtgc tcagcggtgg gaggaggcgg aagaaaccag 240
       165 agcctgggag attaacagta aacttccaag atggaaactt tgtctttccc cagatataat 300
       166 gtagctgaga ttgtgattca tattcgcaat aagatcttaa caggagctga tggtaaaaac 360
       167 ctcaccaaga atgatcttta tccaaatcca aagcctgaag tcttgcacat gatctacatg 420
W-->   168 agagccttac aaatagtcta tggaattcga ctggaacatt tttacatgnt gccagtgaac 480
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       172 <211> LENGTH: 384
       173 <212> TYPE: DNA
       174 <213> ORGANISM: Homo sapiens
       176 <220> FEATURE:
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       178 <223> OTHER INFORMATION: Incyte ID No: 7702863H2
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       183 cgtcgtgctc agcggtggga ggaggcggaa gaaaccagag cctgggagat taacaggaaa 180
       184 cttccaagat ggaaactttg tctttcccca gatataatgt agctgagatt gtgattcata 240
       185 ttcgcaataa gatcttaaca ggagctgatg gtaaaaacct caccaagaat gatctttatc 300
       186 caaatccaaa gcctgaagtc ttgcacatga tctacatgag gccttacaa atagtctatg 360
       187 gaattcgact ggaacatttt taca                                        384
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       201 ataatgtagc tgagattgtg attcatattc gcaataagat cttaacagga gctgatggta 180
       202 aaaacctcac caagaatgat ctttatccaa atccaaagcc tgaagtcttg cacatgatct 240
       203 acatgagagc cttacaaata gtatatggaa ttcgactgga acttttttac atgatgccag 300
       204 tgaactctga agtcatgtat ccacatttaa tggaaggctt cttaccattc agcaatttag 360
       205 ttactcatct ggactcattt ttgcctatct gccgggtgaa tgactttgag actgctgata 420
       206 ttctatgtcc aaaagcaaaa cggacaagtc ggtttttaag tggcattatc aactttattc 480
       207 acttcagaga agcatgccgt gaaacgtata tggaattctt ttggcgatat aaatcctctg 540
       208 cg                                                                542
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       211 <211> LENGTH: 522
       212 <212> TYPE: DNA
       213 <213> ORGANISM: Homo sapiens
       215 <220> FEATURE:
       216 <221> NAME/KEY: misc_feature
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        228 gaactcttct tgctcttcaa ctgaaacaga atcaagtctc tccagtttca ttaatgcctc 240
        229 ctggtgtgcg gcgtttaact gttgcatttt gtccgcagag gatttatatt gccaaagaaa 300
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        232 ccggcagata ggcaaaaatg agtccagatg agtaactaaa ttgctgaatg gtaagaagct 480
W-->    233 cgagcctnnt ttccccnagc ttaacgtacc gcgtgcatgc ga                     522
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        237 <212> TYPE: DNA
        238 <213> ORGANISM: Homo sapiens
        240 <220> FEATURE:
        241 <221> NAME/KEY: misc_feature
        242 <223> OTHER INFORMATION: Incyte ID No: 6562592H1
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        247 agaggyaaat tcccaaaaga agtcaaatat ttcagagaaa accaagcgtt tgaatgaact 180
        248 aaaattgtcg gtggtttctt tgaaagaaat acaagagagt ttgaaaacaa aaattgtgga 240
        249 ttctccagag aagttaaaga attataaaga aaaaatgaaa gatacggtcc agaagcttaa 300
        250 aaatgccaga aagtggtgga gaaatatgaa atctatggag actcagttga ctgcctgcct 360
        251 tcatgtcagt tggaagtgca gttatatcaa aagaaaatac aggaccctttc agataatagg 420
        252 gaaaaattag ccagtatctt aaaggagagc ctgaacttgg aggaccaaat tgagagtgat 480
        253 gagtcagaac tgaagaaatt gaagactgaa gaaaattcgt tcaaaagact gatgattgtg 540
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        257 <211> LENGTH: 581
        258 <212> TYPE: DNA
        259 <213> ORGANISM: Homo sapiens
        261 <220> FEATURE:
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        263 <223> OTHER INFORMATION: Incyte ID No: 6729631H1
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        268 ccagagaagt taaagaatta aaagaaaaaa atgcaaagata cggtccagaa gcttaaaaat 180
        269 gccagacaag aagtggtgga gaaatatgaa atctatggag actcagttga ctgcctgcct 240
        270 tcatgtcagt tggaagtgca gttatatcaa aagaaaatac aggacctttc agataatagg 300
        271 gaaaaattag ccagtatctt aaaggagagc ctgaacttgg aggaccaaat tgagagtgat 360
        272 gagtcagaac tgaagaaatt gaagactgaa gaaaattcgt tcaaaagact gatgattgtg 420
        273 aagaaggaaa aacttgccac agcacaattc aaaataaata agaagcatga agatgtgtag 480
        274 caatacaaac gcacagtaat tgaggattgc cataaagttc cagaaaaaag aggtgctgtc 540
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VERIFICATION SUMMARY   DATE: 01/10/2001
PATENT APPLICATION: US/09/747,524   TIME: 11:30:21

Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:283 W: Missing Blank Line separator, <400> field identifier
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7